/15-16

ಸ, ಸಿ ವಾರ್ಡ ನಂ 05
ದ ವಿಭಜನೆಗೆ

ಗ 263201 ಯಾಗಿದೆ

Engineer 26/11/15
ura Division
ne, B.B.M.P.
e-560032

I st And Final Bill 31/3/16 Work code. 005-16-000017
BR-222

M.A. R. 57 (Rule 116)
Measurement Book

No. B Est Cost - 49.00 Lacs

Serial No. .....
Name of Work ....Improvements to Roads and Drains At Surrounding Areas Muneshwara nagara and Anjanadri 263101
From ..... To .....
Name of Contractor of nature of Agency ...(Layout) & Kogile Layout in ward no. 05
Date of commencement of work .....Byatarayanapura Sub division.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order no. - EE/BTP/BBMP/E-PMT/217/2015-16.						
	Name of Contractor - K. Narasimha Raju.						
	Bhadrappa layout near Gr. R. Kalyanamantapa B.Lane - 94.						
(1)	Earth Work in Surface excavation in ordinary soil for levelling and lowering the ground manually other than foundation & semi circular corners & Road Drains						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and fencing of pipe line) and removing the excavated stuff to a distance not exceeding 50 mtr and lift upto 1.50 mtr excavated surface levelled and neatly dressed disposed earth to be levelled etc. complete as per specification.						
	As per Pre-measurement recorded vide page No. 263152 to 263161					& Rig MB. $1020.00 m^3$	
	Rate 120:00						122400:00

M. A.
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
2)	Removing BS slab & and lift etc.. complete & Engineer in charge &	
	As per Pre-measure No. 263162	to
	Rate 50:00	

OK

Depth 6	Contents 7	Reference to last Measurement 8
	d removing the e not exceeding 30 mm surface levelled and to be levelled etc. complete	
	recorded vide page 8 this MB. 1020.00 m³	122400 : 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263102

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2) Removing BS slag & drain and stacking with all lead and lift etc.. complete as per specification and direction of Engineer in charge of the work. As per Pre-measurement recorded vide page No. 263162 to 263167					8 this MB. 3564.00 m²	178200 : 00
	Rate 50 : 00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	3	6	7	8
3)	Refixing stone slabs & drain and pointing in CM 1:3 with all lead and lift etc.. complete as per specification and direction of Engineer incharge of the work.						
	Measuring wide item no. 2					3564.00 m²	
	Rate 70:00						249480:00
4)	Providing granite slabs of selected quality roughly dressed and fixed in CM 1:6 including fixing curing etc.. complete 7.5 cms thick with all lead and lifts						

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Complete as per incharge of the Approach Road	Sq wor
	I^st Main L/S side	1 1 1 1 1 1 1 1 1

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	7	8
	As per Pre-measurement recorded vide Page No. 263 / 76 to 263 / 83 of this MB						
	Rate 30 ± 10					6750.00 m²	202500.00
7)	Providing and laying semi dense bituminous Concrete 25mm thick with 100-120 TPH Batcher type HMP Producing an average output of 75 tonnes per hour using crushed aggregate of specified grading premixed with bitumen						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	binder of 4.5 to 5 hot mix to work of finisher with sensor and alignment roller tandem roller to load and lift etc.. com	
	APPROACH ROAD	1

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
nt recorded			vide
183			of this MB
		6750.00 m²	
			2025000.00
dense bituminous Concrete			
H Sabbar type HMP Profession			
ing per hour using crushed			
ing premixed with bitumen			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263106

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	binder of 4.5 to 5 % of mix and finisher transferring the hot mix to work site laying with a hydrostatic paver finisher with sensor control to the required grade level and alignment rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction without load and wet etc.. compacted as per specification.						
	APPROACH Road	1	15.00	(4.85+4.60)/2	× 0.025	1.77	
		1	15.00	4.60	0.025	1.80	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.00	4.60	0.025	1.72	
		1	15.00	$\frac{(4.60+4.65)}{2}$	x0.025	1.73	
		1	15.00	$\frac{(4.65+4.45)}{2}$	x0.025	1.70	
		1	15.00	$\frac{(4.45+4.50)}{2}$	x0.025	1.67	
		1	15.00	$\frac{(4.50+4.40)}{2}$	x0.025	1.66	
		1	15.00	$\frac{(4.40+4.45)}{2}$	x0.025	1.65	
		1	15.00	$\frac{(4.45+4.20)}{2}$	x0.025	1.62	

chk on

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency ...

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Approach II .

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
4.60	0.025	1.72	
(4.60+4.65)/2	x0.025	1.73	
(4.65+4.45)/2	x0.025	1.70	
(4.45+4.50)/2	x0.025	1.67	
(50+4.40)/2	x0.025	1.66	
(40+4.45)/2	x0.025	1.65	
(45+4.20)/2	x0.025	1.62	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263107

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	15.00	(4.20+4.30)/2	x0.025	1.59	
		1	15.00	(4.30+4.45)/2	x0.025	1.64	
		1	15.00	(4.45+5.0)/2	x0.025	1.77	
		1	8.10	(5.0+5.30)/2	x0.025	1.04	
	Approach II.	1	15.00	(5.0+5.60)/2	x0.025	1.98	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	16.30	$\frac{(5.0+6.0)}{2}$	x 0.025	2.24	
		1	15.00	$\frac{(5.60+5.0)}{2}$	x 0.025	1.98	
		1	15.00	$\frac{(5.0+5.55)}{2}$	x 0.025	1.97	
		1	15.00	$\frac{(5.55+5.30)}{2}$	x 0.025	2.03	
		1	11.00	$\frac{(5.30+4.65)}{2}$	x 0.025	1.36	
	I st Main Road	1	15.00	$\frac{(5.07+4.20)}{2}$	x 0.025	1.72	
		1	15.00	$\frac{(4.20+4.10)}{2}$	x 0.025	1.55	

Executive Engineer
Byatarayanapura Division
Yalahanka Zone, B.B.M.P.
Bangalore-560092

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Executive Engineer
Byatarayanapura
Yalahanka Zone, B
Bangalore-5600

NT BOOK

mensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8.
(5.0+6.0)/2	x0.025	2.26	
(5.60+5.0)/2	x0.025	1.98	
(5.0+5.55)/2	x0.025	1.97	
(5.55+5.30)/2	x0.025	2.03	
(5.30+4.65)/2	x0.025	1.36	
(5.07+4.20)/2	x0.025	1.72	
(4.20+4.10)/2	x0.025	1.55	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263108

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	15.00	(4.10+4.0)/2	x0.025	1.51	
		1	15.00	4.00	0.025	1.50	
		1	15.00	(4.0+4.10)/2	x0.025	1.51	
		1	15.00	(4.10+4.0)/2	x0.025	1.51	
		1	15.00	(4.0+4.35)/2	x0.025	1.56	
		1	15.00	(4.35+4.80)/2	x0.025	1.71	

Executive Engineer
Byatarayanapura Division
Yalahanka Zone, B.B.M.P.
Bangalore-560092

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.00	(4.80 + 4.65)/2	x0.025	1.77	
		1	15.00	(4.65 + 4.50)/2	x0.025	1.71	
		1	15.00	4.50	0.025	1.68	
		1	15.00	(4.50 + 4.80)/2	x0.025	1.76	
		1	15.00	4.80	0.025	1.83	
		1	15.00	(4.80 + 5.0)/2	x0.025	1.85	
		1	12.70	5.00	0.025	1.58	

Executive Engineer
Byatarayanapura Division
Yalahanka Zone, B.B.M.P.
Bangalore-560092

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	2nd Main Road

Executive Engineer
Byatarayanapura Divisi
Yalahanka Zone, B.B.M
Bangalore-560092

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
+	(4.65) x0.025	1.77	
5+	(4.50) 2 x0.025	1.71	
50	0.025	1.68	
0+	(4.90) 2 x0.025	1.76	
90	0.025	1.83	
0+	(5.0) 2 x0.025	1.85	
00	0.025	1.88	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263109

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd Main Road	1	15.00	(6.40+6.30)/2	x0.025	2.38	
		1	15.00	(6.30+6.15)/2	x0.025	2.33	
		1	15.00	(6.15+6.0)/2	x0.025	2.27	
		1	15.00	(6.0+5.90)/2	x0.025	2.23	
		1	15.00	(5.90+6.30)/2	x0.025	2.28	
		1	15.00	(6.30+6.0)/2	x0.025	2.30	

Executive Engineer
Byatarayanapura Division
Yalahanka Zone, B.B.M.P.
Bangalore-560092

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C&FC. Slm No 7	1	15.00	(6.10 + 6.10)/2	x0.025	2.28	
		1	15.00	(6.10 + 5.75)/2	x0.025	2.22	
		1	15.00	(5.75 + 5.50)/2	x0.025	2.10	
		1	15.00	(5.50 + 6.10)/2	x0.025	2.17	
		1	15.00	(6.10 + 6.20)/2	x0.025	2.30	
		1	15.00	(6.20 + 5.60)/2	x0.025	2.21	
		1	15.00	(5.60 + 5.70)/2	x0.025	2.11	

Executive Engineer
Byatarayanapura Division
Yalahanka Zone, B.B.M.P.
Bangalore-560092

Site

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
+ 6.10)			
2	x0.025	2.28	
0 + 5.75)			
	x0.025	2.22	
5 + 5.50)			
	x0.025	2.60	
0 + 6.10)			
	x0.025	2.17	
+ 6.20)			
	x0.025	2.30	
+ 5.60)			
	x0.025	2.21	
+ 5.70)			
	x0.025	2.15	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263110

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	3rd main (Site on)	1	15.00	(5.70 + 5.60)/2	x0.025	2.11	
		1	17.00	5.60	0.025	2.38	
		1	15.00	(5.60 + 5.50)/2	x0.025	2.08	
		1	15.00	(5.50 + 4.50)/2	x0.025	1.87	
		1	15.00	(4.50 + 5.30)/2	x0.025	1.83	
		1	15.00	(5.30 + 5.40)/2	x0.025	2.00	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	15.00	$\frac{(4.50+4.70)}{2}$	0.025	1.72	
		1	15.00	$\frac{(4.70+4.40)}{2}$	0.025	1.70	
		1	15.00	$\frac{(4.40+4.80)}{2}$	0.025	1.72	
		1	12.00	$\frac{(4.80+4.70)}{2}$	0.025	1.42	
		1	12.60	4.30	0.025	1.35	
						168.75 M	3
	Rate 8400 : 00						1417500 : 0

Cft ond

Checked by 31/3/16
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಎಲ್.ಬಿ.ಎಂ.ಪಿ. ಚ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	N
8)	Lead for Disposal Carase Rates & Y and unloading pro etc.. compl	
	Quantity	
	Rate 60 : 00	

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
1.50+4.70) / 2	x0.025	1.72	
1.70+4.40) / 2	x0.025	1.70	
1.40+4.80) / 2	x0.025	1.72	
1.80+4.70) / 2	x0.025	1.42	
1.30	0.025	1.35	
		168.75 M	3
			1417500=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 263114

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	8) Lead for Disposal of Debris shall be payable as Carage rates by mechanical means including loading and unloading from 0.00 to 2.00 KM with all lead and lift etc.. complete as per specification.						
	Quantity vide Item No.					(1)	
						1020.00 M	3
	Rate 60=00						61200=00

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Total Rs -			4640058
	certificate. 1) Certified that the work is done satisfactory 2) This bill amount has been claimed in any of previous bill. 31/3/16 ಸಹಾಯಕ ಅಧಿಕಾರಿಯವರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ			31/3/2016 Assistant Executive Engineer Byatarayanapura Sub Division B.B.M.P. Bangalore			

Serial No. .....
Name of Work ..... Roads (1) 7h.20 .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work		Nu
1	2		
	Roads (2) 38.30 Mt 3rd Main 226.80 Mt Muneshwara Layout Yalahanka		

31/03/16
ಸಹಾಯಕ ಅಧಿಕಾರಿಯವರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ENT BOOK

Dimensions			Contents	Reference to last Measurement
h	Breadth 5	Depth 6	7	8
	Total Rs -			4640058=

...ed be done satisfactory
... been claimed in any &

31/3/2016

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

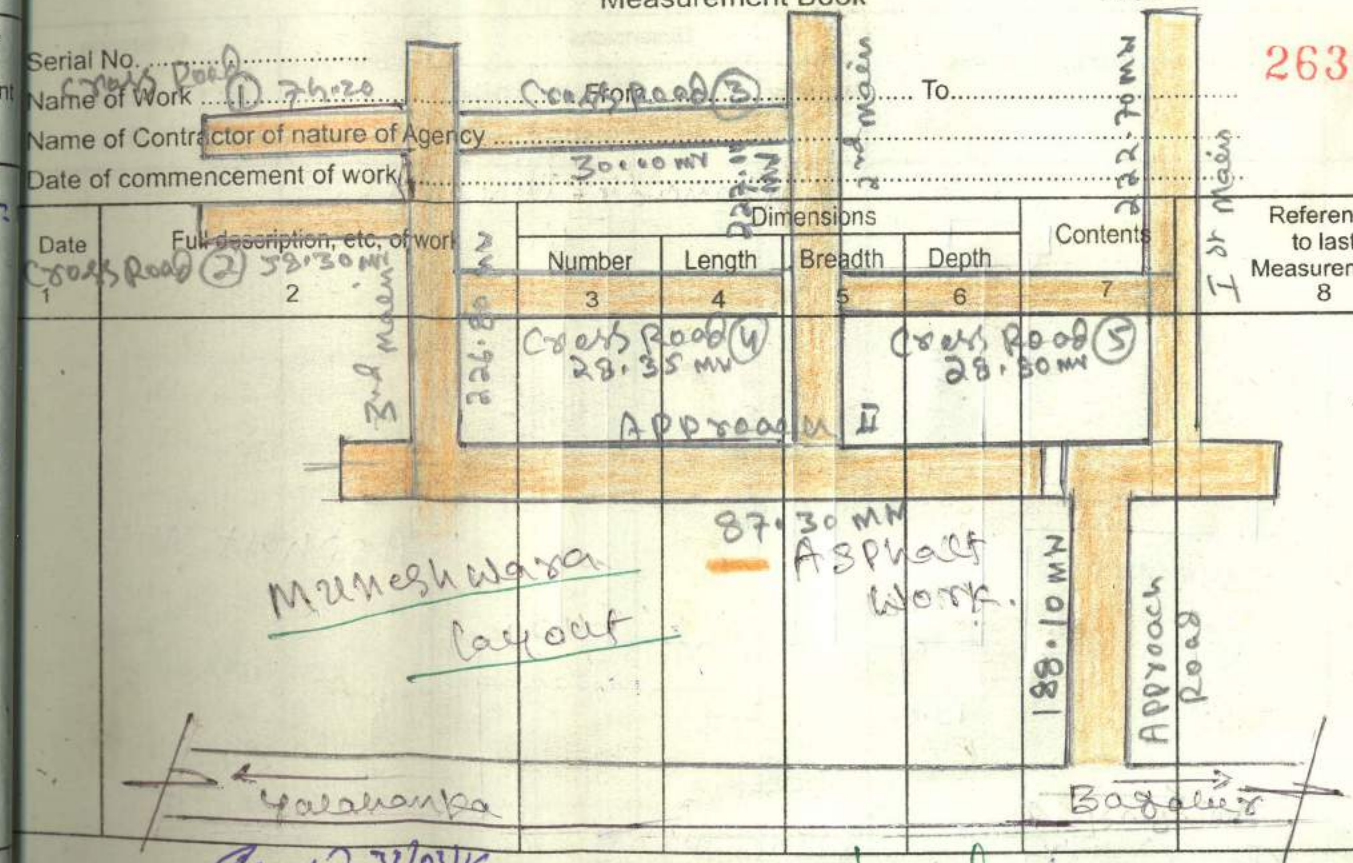
M. A. R. 57 (Rule 116)
Measurement Book

No. B

263115

Serial No. .....
Name of Work ..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

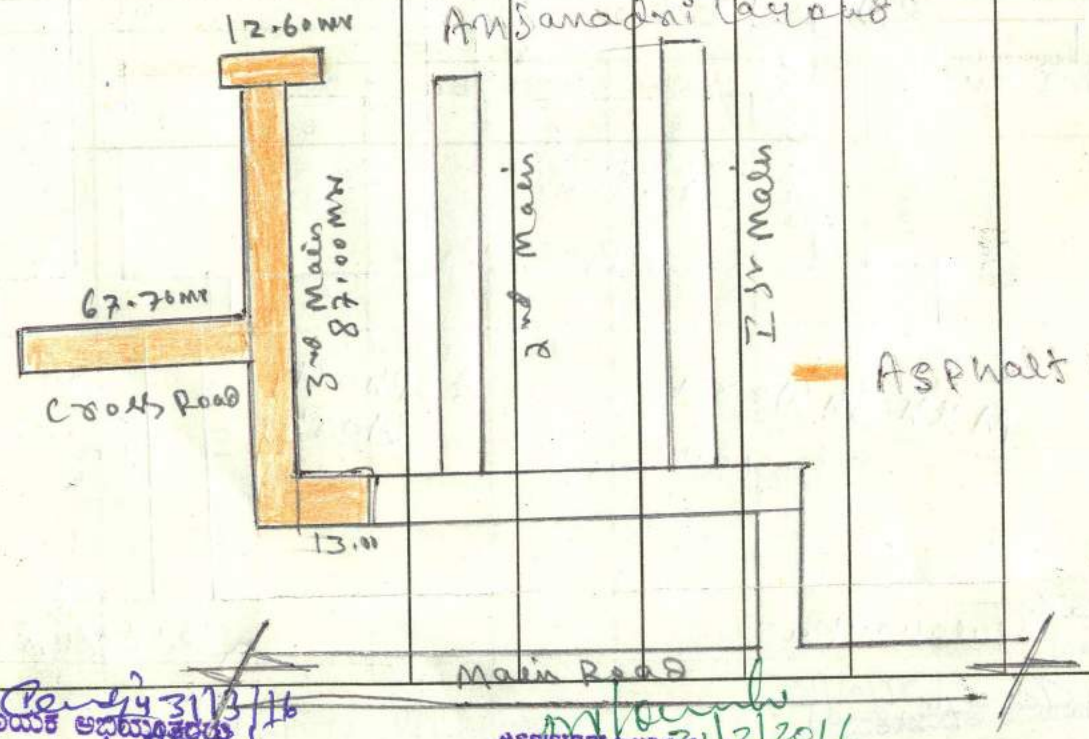


31/03/16
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

31/3/2016
Assistant Executive Engineer
Byatarayanapura

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

31/3/16

Assistant Executive Engineer
Byatarayanapura Sub Division

31/3/2016

Serial No. .....
Name of Work .....
Name of Contractor ..... Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 46400
ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ.
ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊ
ರೂ. 42,71,921=00
ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಬಹುದು
ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
ni layout			
	I Jr Mah		
		Asphalt Work	

31/3/2016
Executive Engineer

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263116

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor ..... Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 6400058=00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ. 365137=00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಬಾಕಿ ಮೊಬಲಗು ರೂ. 42,74,921=00 ಚೆಕ್ ಮುಖಾಂತರ ಸಂದಾಯವಾಗಿದೆ. ಲೆಕ್ಕಾಧಿಕಾರಿ			I.T. — 46401 — VAT — 185602 — Cess — 46401 — LBF — 4640 — Roy — 82093 — Total — 365137=00			